

MineHeritage newsletter, 2/2 (2020)

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Q 2/2 2020 Newsletter

MINEHERITAGE

Supported by



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MineHeritage 2nd anniversary!

This 4th newsletter symbolizes a true achievement in the MineHeritage Project, sponsored by EIT and EIT Raw Materials Academy. In these trying times that Europe is going through, with all partners facing heavy confinement restrictions, an outstanding work has been done by all, keeping the real European spirit alive! MineHeritage partners doubled their efforts to successfully reach the end of the second year, surpassing all proposed goals.

During this #StayAtHome period, a new product was launched! Partners developed teaser videos about the historical mining sites and raw materials which are now available at the Project YouTube Channel <https://www.youtube.com/channel/UCoBcCHGs3FEX-5MoUeHj75w>

New discovery adventures are already available at the project website <https://mineheritage-project.eu> and social networks, now with 30 freely available booklets on selected Historical Mining Sites.

The participation on the available dissemination activities has helped the creation of new synergies with local stakeholders and has been a key factor in the dissemination of the importance of Raw Materials in the technological and social development of European communities throughout history.

We invite you to discover MineHeritage's fourth Newsletter and distribute it among your contacts. You can also join us through our website and social networks for more information and for a more interactive experience with the MineHeritage concept!

Consortium:



This activity has received funding from the European Institute of Innovation and Technology (EIT), a body of the European Union, under the Horizon 2020, the EU Framework Programme for Research and Innovation

Steering Committee Meeting, 11th December 2020

The 13 partners that constitute the MineHeritage consortium met on the 11th of December for the second steering committee meeting of 2020. Since travel limitations due to covid19 pandemic prevented an in-person meeting, we took the opportunity that online tools were to be used (Zoom) to enlarge its scope and invite more than one participant from each partner. A total of 22 members presented the work done in the second semester of 2020 regarding dissemination activities, booklet preparation, video production, game and app development and historical mining sites database update. New actions to be taken were discussed and opportunities to promote our activities were scheduled.

The original meeting was to be organized by the University of Liège where a bicycle visit to several historical mining sites along the Ourthe valley was programmed. Despite the misfortune of the impossibility to perform a physical meeting and to profit from the networking opportunities usually provided, the online encounter was a success with many ideas exchanged for a better development of our activities. The next meeting will be in Clausthal, conditions permitting!



MineHeritage Videos

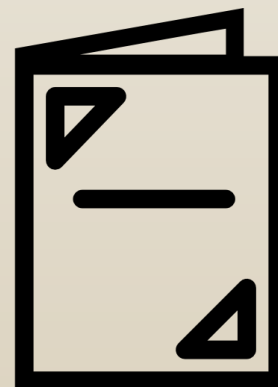


Our first 16 videos on Historical Mining Sites and on the importance of Raw Materials are already available on our YouTube Channel. Click on the Icon below and see all our videos.



MineHeritage Booklets

At the end of MineHeritage's second year 30 booklets on historical mining sites are available on our website. Click on the icon and download all our booklets.



MineHeritage @ Dissemination events

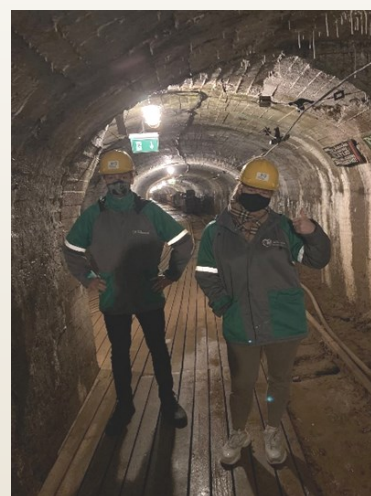
“Treasure under our feet”, Samobor, Croatia

UNIZG-RGNF team organised the workshop “Treasure under our feet” for school children and their parents in synergy with other KIC RM projects (ENGIE; RM@Schools) in Samobor town park on 10th of October 2020.



Short course at TalTech

During the last two months of 2020, TalTech organised a short course for school students on the importance of mineral resources in our daily lives.



6 New Geocaches!

- ⇒ Old town Samobor
- ⇒ St. Barbara Mine in Rude
- ⇒ Ludvić potok
- ⇒ Poučna table Minjera
- ⇒ Ulaz u Rudnik Minjera
- ⇒ Utvrda Gvozdansko
- ⇒ Visoka peč u Bešlincu
- ⇒ Utvrda Zrin

MineHeritage on European Researchers Night 2020

Our partners from FCT NOVA and CNR prepared two videos for this year's European Researchers Night. Despite the impossibility to contact directly with the public, the online event allowed the dissemination of our project's work.

MineHeritage @ Dissemination events

DIGMIN'20

INESC TEC team and the Cluster Portugal Mineral Resources organized an online workshop focusing on the *"New Challenges in the Mineral Raw Materials Industry: Safety, Digitalization, Technology & Innovation"*. The event had more than 200 registrations and counted with MineHeritage's Project Coordinator as speaker.



Sulcis International Meeting

In November 2020, CNR gave a lecture in the Sulcis International Meeting organized by RCSI and EIT.



26th European Association of Archaeologists

In August 2020, UNIPD were present in the EAA Virtual Meeting, presenting the poster "MineHeritage Project: Historical Mining – Tracing and Learning from Ancient Materials and Mining Technology".



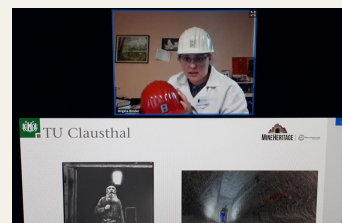
IN THE BLACK'20

MineHeritage Project was featured in the event IN THE BLACK'20 Edition, concerning "The safety of people and the planet through the application of technology", online workshop on the 2nd July 2020, organized by INESC TEC and TEC4SEA and supported by EIT Raw Materials.



Start in das hybride Wintersemester 20/21

TU Clausthal presented the role of the Steiger (miners supervisor) in the begining of the 20/21 winter semester.



MineHeritage Field Work

Aljustrel Mine in Alentejo, Portugal



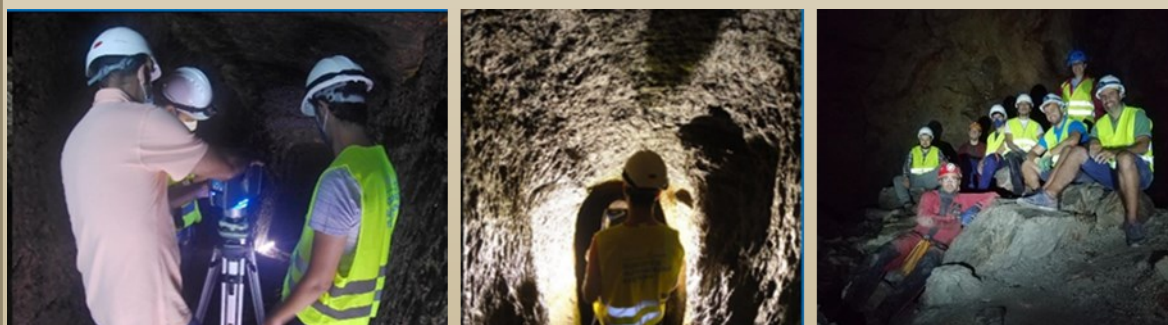
FCT NOVA team visited Aljustrel Mine in Alentejo, South Portugal. The Municipal Mining Museum and several sites in this important Portuguese mining town were visited, contributing to a better understanding of Aljustrel's rich mining history. For more information on this and other sites, please visit: <https://mineheritage-project.eu/>

St. Barbara Mine and Old Town Samobor in Rude, Croatia



Our partners from the UNIZG-RGNF team were in the field in the Rude region, Croatia. They visited St. Barbara Mine, one of the oldest copper and iron ore mines in Europe, Old Town Samobor, the seat of the Rude mine owners in medieval times, and the Ludvić stream. For more information on this and other sites, please visit: <https://mineheritage-project.eu/>

Fojo das Pombas Mine in Valongo, Portugal



Between July and October, INESC TEC carried out several missions to acquire data and information regarding the Roman gold mine. For more information on this and other sites, please visit: <https://mineheritage-project.eu/>



MineHeritage Thesis Defenses

Several students finished their bachelor and master thesis in the frame of MineHeritage. Congratulations to all!

- ⇒ Franjo Katalinić, 11th September 2020, Mining and geological heritage of Rude (study program Mining)
- ⇒ Ivan Ruškač, 22nd September 2020, Mining and geological heritage of Sovinjak (study program Geological Engineering)
- ⇒ Valentina Nakić, 28th September 2020, Mining and geological heritage of Radoboj (study program Geological Engineering)
- ⇒ Gabriel Loureiro, 6th November 2020, Emergency Landing Spot Detection for Unmanned Aerial Vehicle (Master program in Electrical and Computer Engineering - Autonomous Systems)

MineHeritage Articles

- ⇒ Briševac, Z., Maričić, A., Brkić, V., & Bralić, V. (2021). An overview and future prospects of Croatian geotechnological heritage. *Rudarsko-geološko-Naftni Zbornik*, 36(1). <https://doi.org/10.17794/rgn.2021.1.7> [Available here](#).
- ⇒ Silva, T.P.; Matos, J.X.; De Oliveira, D.; Veiga, J.P.; Morais, I.; Gonçalves, P.; Albardeiro, L. Mineral Inventory of the Algarés 30-Level Adit, Aljustrel Mine, Iberian Pyrite Belt, Portugal. *Minerals* 2020, 10, 853. <https://doi.org/10.3390/min10100853>. [Available here](#).

Special Issue Minerals journal

The MDPI open-access journal, minerals, will have a special issue on The Role of Minerals in Cultural and Geological Heritage. Submissions and more information [here](#) until 30th September 2021!



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